

II. AMENDMENT TO THE CLAIMS

Please cancel claims 1-35 and 43-46 without prejudice or disclaimer. In addition, please add claims 47-70:

Claims 1-35 (cancelled).

Claim 36 (original) In a method for amplifying a DNA sample on a solid medium, the improvement comprising precipitating the DNA sample on the solid medium and subjecting the precipitated DNA to DNA amplification to produce amplified DNA products.

Claim 37 (original) The method of claim 36, wherein the solid medium is filter paper.

Claim 38 (original) The method of claim 37, wherein the filter paper is chemically treated.

Claim 39 (original) The method of claim 37, wherein the DNA sample is dehydrated on the filter paper.

Claim 40 (original) The method of claim 36, wherein the DNA sample is precipitated with salt and alcohol, and rinsed with alcohol.

Claim 41 (original) The method of claim 40, wherein the salt is selected from the group consisting of sodium acetate, potassium acetate, ammonium acetate, sodium chloride, and potassium chloride.

Claim 42 (original) The method of claim 40, wherein the alcohol is ethanol or isopropanol.

Claims 43-46 (cancelled).

Claim 47 (new) The method of claim 36, wherein the solid medium is an absorbent cellulose-based paper.

Claim 48 (new) The method of claim 36, wherein the solid medium is a micromesh of synthetic plastics materials.

Claim 49 (new) The method of claim 36, wherein the solid medium protects against the degradation of the DNA sample.

Claim 50 (new) The method of claim 36, wherein the DNA sample is precipitated with salt and alcohol.

Claim 51 (new) The method of claim 50, wherein the salt is selected from the group consisting of sodium acetate, potassium acetate, ammonium acetate, sodium chloride, and potassium chloride.

Claim 52 (new) The method of claim 50, wherein the alcohol is ethanol or isopropanol.

Claim 53 (new) The method of claim 36, wherein the DNA sample is genomic DNA.

Claim 54 (new) The method of claim 36, wherein the DNA sample is microdissected chromosome DNA, yeast artificial chromosome (YAC) DNA, cosmid DNA, phage DNA, P1 derived artificial chromosome (PAC) DNA, or bacterial artificial chromosome (BAC) DNA.

Claim 55 (new) The method of claim 36, wherein the DNA sample is mammalian DNA.

Claim 56 (new) The method of claim 36, wherein the DNA sample is plant DNA, yeast DNA, viral DNA, or prokaryotic DNA.

Claim 57 (new) The method of claim 36, wherein the DNA sample is obtained from a buccal swab, a nose swab, blood, cord blood, amniotic fluid, embryonic tissue, or endothelial cells.

Claim 58 (new) The method of claim 36, wherein the amplified DNA products are subjected to genotype analysis.

Claim 59 (new) The method of claim 55, wherein the genotype analysis comprises genetic typing, fingerprinting, haplotyping, DNA typing, or identifying a single nucleotide polymorphism (SNP).

Claim 60 (new) The method of claim 36, wherein the DNA amplification comprises polymerase chain reaction (PCR).

Claim 61 (new) In a method for amplifying DNA in a tissue sample on a solid medium, the improvement comprising precipitating the DNA in the tissue sample on the solid

medium and subjecting the precipitated DNA to DNA amplification to produce amplified DNA products.

Claim 62 (new) The method of claim 61, wherein the tissue sample is obtained from a buccal swab, a nose swab, blood, cord blood, amniotic fluid, embryonic tissue, or endothelial cells.

Claim 63 (new) The method of claim 61, wherein the tissue sample is blood.

Claim 64 (new) The method of claim 61, wherein the solid medium is an absorbent cellulose-based paper, filter paper, or a micromesh of synthetic plastics materials.

Claim 65 (new) The method of claim 61, wherein the DNA in the tissue sample is precipitated with salt and alcohol.

Claim 66 (new) The method of claim 65, wherein the salt is selected from the group consisting of sodium acetate, potassium acetate, ammonium acetate, sodium chloride, and potassium chloride.

Claim 67 (new) The method of claim 65, wherein the alcohol is ethanol or isopropanol.

Claim 68 (new) The method of claim 61, wherein the amplified DNA products are subjected to genotype analysis.

Claim 69 (new) The method of claim 68, wherein the genotype analysis comprises genetic typing, fingerprinting, haplotyping, DNA typing, or identifying a single nucleotide polymorphism (SNP).

Claim 70 (new) The method of claim 61, wherein the DNA amplification comprises polymerase chain reaction (PCR).